



PATENT APPLICATION
Attorney's Do. No. 6647-3

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of: Delos C. Jensen and Stephen R. Carter

Serial No. 09/512,963

Filed: February 25, 2000

For: CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS

I, Richard Rife, Vice President and Deputy General Counsel, of NOVELL, INC., a Delaware corporation, having a place of business at 1800 South Novell Place, Provo, Utah 84606, assignee of the entire right, title and interest of the above-described U.S. patent application, by the assignment submitted under separate cover for recordal (copy enclosed), represent that I am empowered to sign on behalf of assignee.

As assignee of the above identified application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 20575

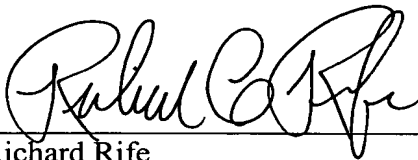
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NOVELL, INC.

Date: 5/23/2000



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Vice President and Deputy General Counsel



PATENT APPLICATION
Attorney's Do. No. 6647-3

ASSIGNMENT

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Spanish Fork, Utah 84660

Assignee: Novell, Inc.

Address: 122 East 1700 South
Provo, Utah 84606

Title of
Invention: CONSTRUCTION, MANIPULATION, AND COMPARISON OF A
MULTI-DIMENSIONAL SEMANTIC SPACE

U.S. Patent Application:

Application Serial No.:

Filing Date:

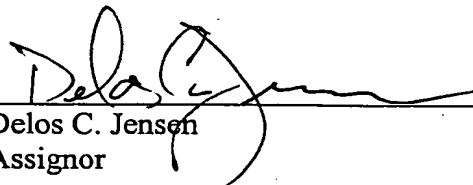
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For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

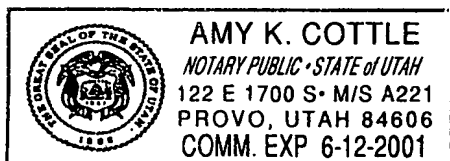
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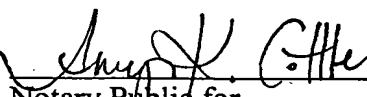

Delos C. Jensen
Assignor

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STATE OF Utah)
County of Utah) ss.

Before me this 10th day of February, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.





Notary Public for _____
My commission expires: 12/12/01

[SEAL]

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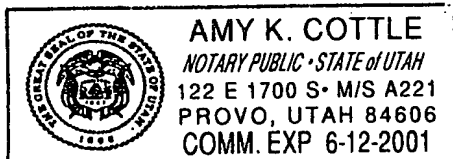
Executed at Provo, this 10 day of February, 2000.


Stephen R. Carter
Assignor

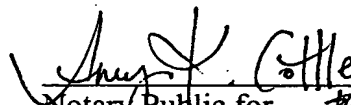
STATE OF UTAH)
County of UTAH) ss.

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Before me this 10th day of February, 2000, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



[SEAL]


Notary Public for [Signature]
My commission expires: 6/12/01

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